concessional credit from Kreditanstalt fur Wiederaufbau (KfW), Germany with the remaining US $ 3.44 million as likely investment from prospective project promoters.

(c) The project aims to accelerate the deployment of biomass energy and/or electricity in a sustainable and cost-effective manner in the country.

Projects under national programme on energy recovery from urban and industrial wastes

2223. SHRI MAHMOOD A. MADANI:
SHRI SANTOSH BAGRODIA:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the number and details of projects taken up under the National Programme on Energy Recovery from Urban and Industrial wastes, State-wise and capacity-wise;

(b) whether all the projects have been commissioned, if not, the details of the incomplete projects;

(c) which are the agencies identified to undertake such projects;

(d) whether such projects are commercially viable;

(e) whether the programme provides for the recurrent maintenance cost, if not, who provides for such recurrent cost; and

(f) the steps being taken to further promote this programme?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) A total of 48 projects with an aggregate capacity of about 83.61 MW on energy recovery from Urban and Industrial Wastes have so far been taken up in nine States. The State-wise details are given in the Statement (*See* below).

(c) The projects can be taken up by urban local bodies, other Government organisations, private developers, industries or through public private partnership.

(d) Waste-to-Energy projects require financial, fiscal and other promotional incentives for commercial viability.

(e) The recurring maintenance costs are borne by the owners of the projects.

(f) Besides financial assistance for setting up of projects, the programmes provide for capacity building, dissemination of information and creation of awareness through training programmes, workshops, seminars, etc.

Statement

Details of projects on energy recovery from urban and industrial wastes taken up upto 31.7.2007

Sl. No.	State	Completed		Under installation		Total		Waste type
		Nos.	Capacity (MWeq)	Nos.	Capacity (MWeq)	Nos.	Capacity (MWeq)	
1	2	3	4	5	6	7	8	9
Projects based on Urban Wastes								
1.	Andhra Pradesh	3	12.75	–	–	3	12.75	Municipal Solid Waste and vegetable market wastes
2.	Gujarat	1	0.50	–	–	1	0.50	Biogas at Sewage Treatment plant
3.	Punjab	1	1.00	–	–	1	1.00	Cattle dung
4.	Tamil Nadu	1	0.25	–	–	1	0.25	Vegetable Market Waste
5.	Uttar Pradesh	1	5.00	–	–	1	5.00	Municipal solid waste
	TOTAL :	7	19.50	–	–	7	19.50	
Projects based on Industrial Wastes								
6.	Andhra Pradesh	11	20.45	3	8.16	14	28.61	Distillery, abattoir, Slaughterhouse, food processing and poultry

1	2	3	4	5	6	7	8	9
7.	Gujarat	2	2.45	1	0.45	3	2.90	Distillery and food processing
8.	Karnataka	2	3.00	–	–	2	3.00	Distillery and food processing
9.	Madhya Pradesh	2	2.78	–	–	2	2.78	Distillery and tannery
10.	Maharashtra	3	2.76	–	–	3	2.76	Distillery and food processing
11.	Punjab	3	1.58	1	8.25	4	9.83	Distillery, food processing and paper
12	Tamil Nadu	7	6.98	–	–	7	6.98	Tannery, food processing, paper and poultry
13.	Uttar Pradesh	5	5.73	–	–	5	5.73	Distillery and food processing
14.	Uttaranchal	–	–	1	1.52	1	1.52	Food processing
	TOTAL:	35	45.73	6	18.38	41	64.11	